

**Total Solids  
SM 18<sup>th</sup>/19<sup>th</sup>/20<sup>th</sup> Ed. 2540 B****Page 1 of 1**

Facility Name: \_\_\_\_\_ VELAP ID: \_\_\_\_\_

Assessor Name: \_\_\_\_\_ Analyst Name: \_\_\_\_\_ Inspection Date: \_\_\_\_\_

**Relevant Aspect of Standards****Method  
Reference****Y****N****N/A****Comments***Records Examined:* SOP Number/ Revision/ Date \_\_\_\_\_ Analyst: \_\_\_\_\_

Sample ID: \_\_\_\_\_ Date of Sample Preparation: \_\_\_\_\_ Date of Analysis: \_\_\_\_\_

Is the moisture content of desiccant monitored?	2540 B 2.d				
Are evaporating dishes made of porcelain, platinum, or high-silica glass?	2540 B 2.a				
Is the evaporating dish prepared by heating to 103 to 105°C for one hour?	2540 B 3.a				
Are evaporating dishes stored in a desiccator?	2540 B 3.a				
Is sample volume chosen to yield between 10 and 200 mg residue for 18 <sup>th</sup> /19 <sup>th</sup> Ed., or to yield between 2.5 and 200 mg for 20 <sup>th</sup> Ed.?	2540 B 3.b				
For SM 18 <sup>th</sup> /19 <sup>th</sup> Ed., if samples yield less than 10mg/L residue, is a high-sensitivity balance used (0.002 mg)?	2540 B 3.b				
Are samples dried in an oven at 103 to 105°C for at least one hour?	2540 B 3.b				
Are samples cooled in a desiccator prior to weighing?	2540 B 3.b				
Is the cycle of drying, cooling, desiccating, and weighing repeated until a constant weight is obtained or until weight change is less than 4% of previous weight or 0.5 mg, whichever is less?	2540 B 3.b				
Are at least 10% of samples (or one per batch) analyzed in duplicate?	2020				

Notes/ Comments: